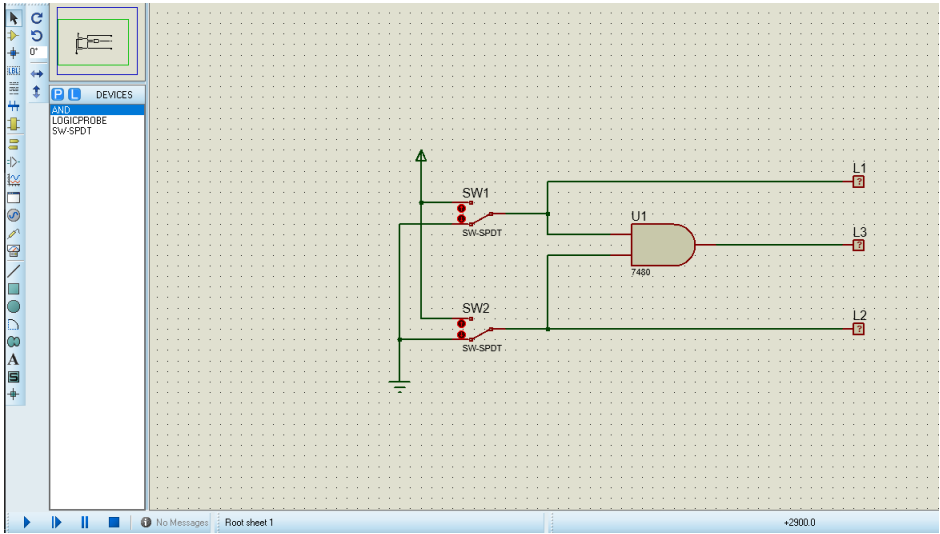Name   : Mahardhika Bathiarto Dim Zarita

Class   : X

NIM   : L200184134

Exercise 1

1. Make Logic Gates on picture

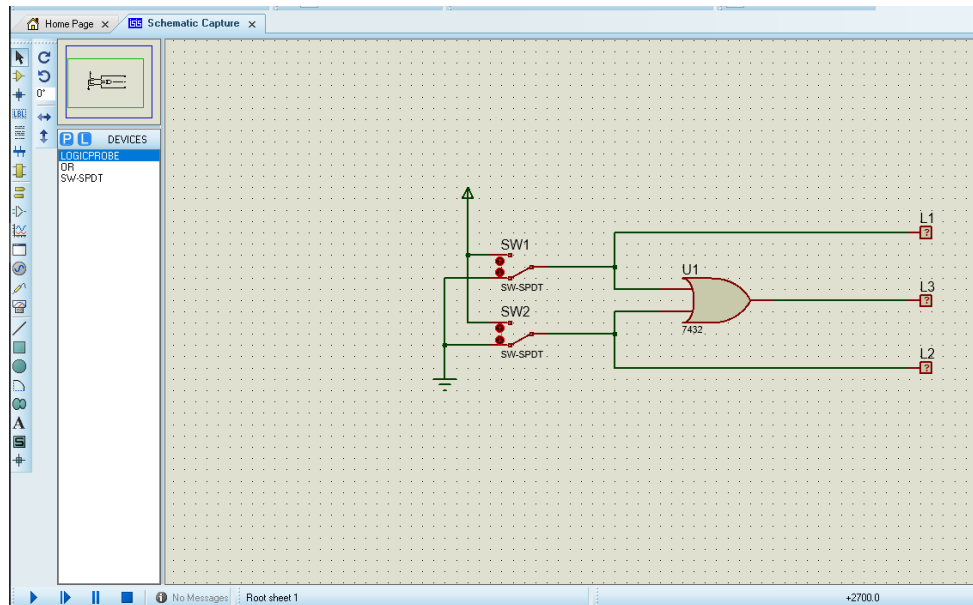2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	0
1	0	1	0	0
0	1	0	0	1
1	1	1	1	1

3. Diagram Time.

L1				
L2				
L3				

Exercise 2

1. Make Logic Gates on this picture

2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	0
1	0	1	0	0
0	1	0	1	1
1	1	1	1	1

3. Diagram Time.

L1				
L2				
L3				

Exercise 3

1. Make Logic Gates on this Picture.
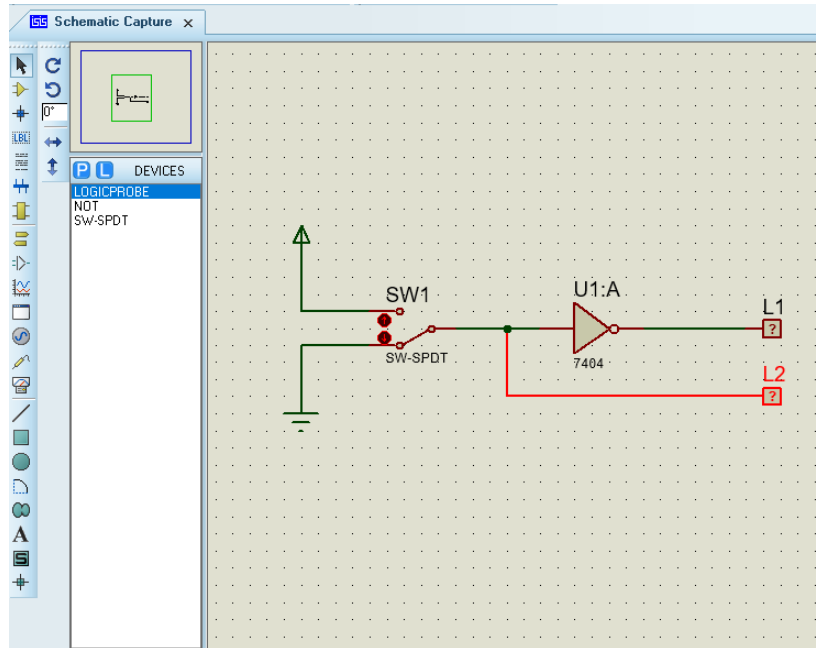
2. Truth Table.

S W 1	L2	L1
0	0	1
1	1	0

3. Diagram Time.

Exercise 4

1. Make Logic Gates on this Picture.
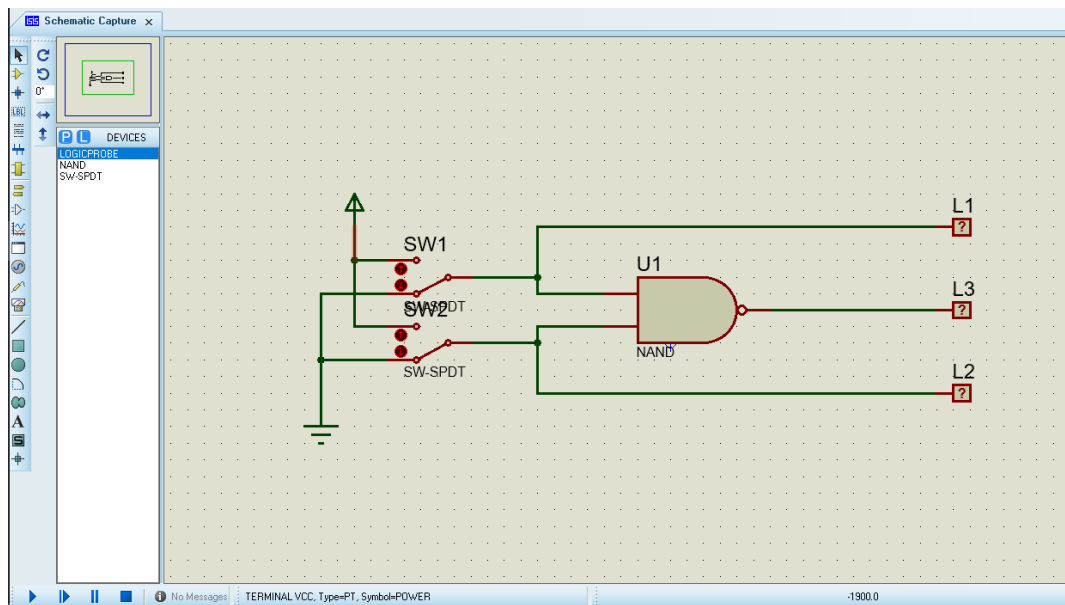
2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	1
0	1	0	1	1
1	1	1	1	1

3. Diagram Time.

Exercise 5

1. Make Logic Gates on this Picture.
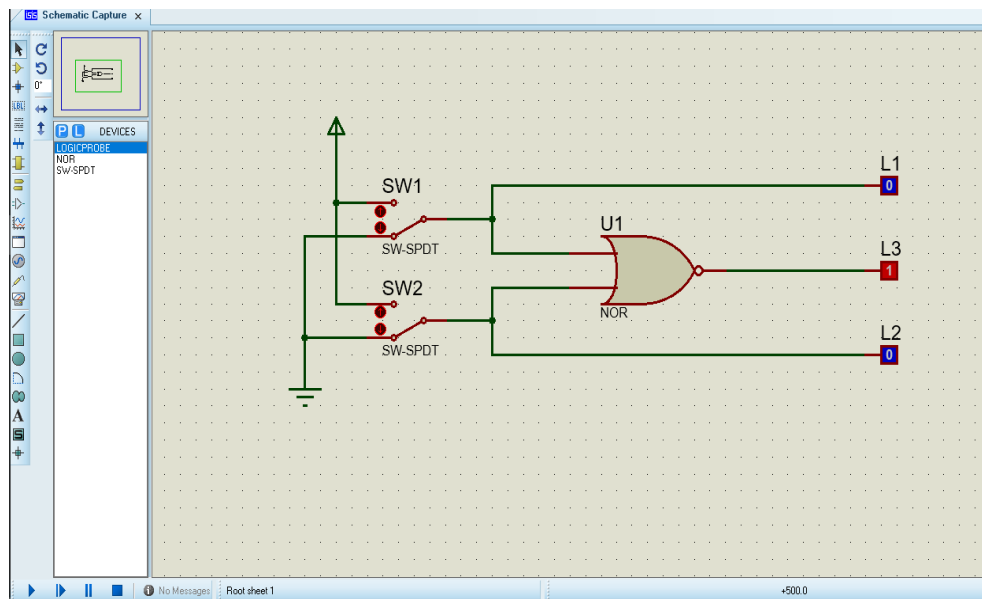
2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	0
0	1	0	1	1
1	1	1	1	0

3. Diagram Time.

Exercise 6

1. Make Logic Gates on this Picture.
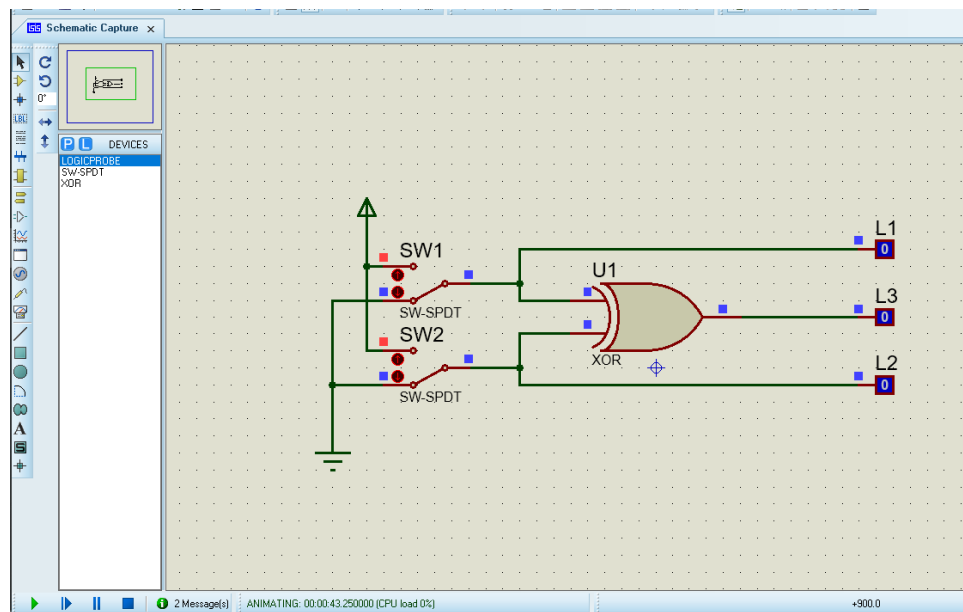
2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	0
1	0	1	0	1
0	1	0	1	1
1	1	1	1	0

3. Diagram Time.

L1				
L2				
L3				

Exercise 7

1. Make Logic Gates on this Picture.
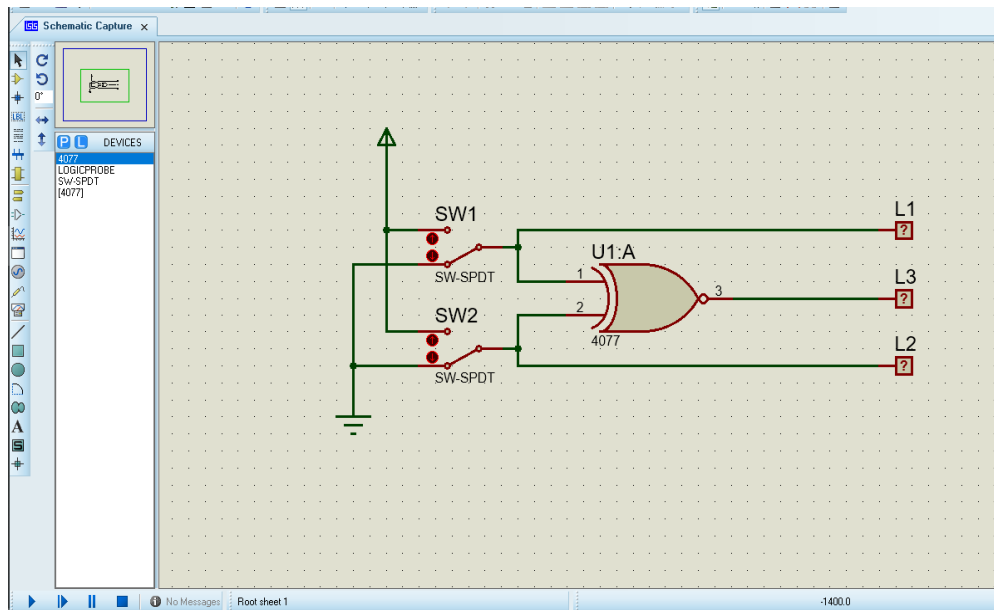
2. Truth Table.

S W 1	SW 2	L1	L2	L3
0	0	0	0	1
1	0	1	0	0
0	1	0	1	0
1	1	1	1	1

3. Diagram Time.

L1				
L2				
L3				